Peter Khnen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50 papers	1,405 citations	18 h-index	37 g-index
56 ext. papers	1,850 ext. citations	7.7 avg, IF	4.34 L-index

#	Paper	IF	Citations
50	Quality of life outcomes in two phase 3 trials of setmelanotide in patients with obesity due to LEPR or POMC deficiency.. *Orphanet Journal of Rare Diseases*, **2022**, 17, 38	4.2	1
49	Interactions between nocturnal melatonin secretion, metabolism, and sleeping behavior in adolescents with obesity.. *International Journal of Obesity*, **2022**,	5.5	2
48	Understanding the Patient Experience of Hunger and Improved Quality of Life with Setmelanotide Treatment in POMC and LEPR Deficiencies.. *Advances in Therapy*, **2022**, 39, 1772	4.1	0
47	Natural History of Obesity Due to POMC, PCSK1, and LEPR Deficiency and the Impact of Setmelanotide.. *Journal of the Endocrine Society*, **2022**, 6, bvac057	0.4	1
46	Structures of active melanocortin-4 receptor-Gs-protein complexes with NDP-αMSH and setmelanotide. *Cell Research*, **2021**, 31, 1176-1189	24.7	5
45	Gustatory Function Can Improve after Multimodal Lifestyle Intervention: A Longitudinal Observational Study in Pediatric Patients with Obesity. *Childhood Obesity*, **2021**, 17, 136-143	2.5	3
44	A Melanocortin-4 Receptor Agonist Induces Skin and Hair Pigmentation in Patients with Monogenic Mutations in the Leptin-Melanocortin Pathway. *Skin Pharmacology and Physiology*, **2021**, 34, 307-316	3	2
43	Cardiac Phenotype and Tissue Sodium Content in Adolescents With Defects in the Melanocortin System. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, 2606-2616	5.6	0
42	Generation of human induced pluripotent stem cell lines from 2 patients with MIRAGE syndrome. *Stem Cell Research*, **2021**, 54, 102417	1.6	1
41	Long-term outcomes of bariatric surgery in patients with bi-allelic mutations in the POMC, LEPR, and MC4R genes. *Surgery for Obesity and Related Diseases*, **2021**, 17, 1449-1456	3	7
40	Melanocortin 4 receptor mutations become common. *Cell Metabolism*, **2021**, 33, 1512-1513	24.6	0
39	Spatiotemporal Changes of Cerebral Monocarboxylate Transporter 8 Expression. *Thyroid*, **2020**, 30, 1366-1383	6.1	13
38	Differential Signaling Profiles of MC4R Mutations with Three Different Ligands. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	9
37	Antagonistic Autoantibodies to Insulin-Like Growth Factor-1 Receptor Associate with Poor Physical Strength. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	3
36	Pharmacological treatment strategies for patients with monogenic obesity. *Journal of Pediatric Endocrinology and Metabolism*, **2020**,	1.6	5
35	Efficacy and safety of setmelanotide, an MC4R agonist, in individuals with severe obesity due to LEPR or POMC deficiency: single-arm, open-label, multicentre, phase 3 trials. *Lancet Diabetes and Endocrinology,the*, **2020**, 8, 960-970	18.1	76
34	Sleep Timing in Patients with Precocious and Delayed Pubertal Development. *Clocks & Sleep*, **2019**, 1, 140-150	2.9	3

33	Signal Transduction and Pathogenic Modifications at the Melanocortin-4 Receptor: A Structural Perspective. *Frontiers in Endocrinology*, **2019**, 10, 515	5.7	13
32	Evaluation of a rare glucose-dependent insulinotropic polypeptide receptor variant in a patient with diabetes. *Diabetes, Obesity and Metabolism*, **2019**, 21, 1168-1176	6.7	1
31	Tissue Sodium Content and Arterial Hypertension in Obese Adolescents. *Journal of Clinical Medicine* , **2019**, 8,	5.1	3
30	Melanocortin-4 Receptor Signalling: Importance for Weight Regulation and Obesity Treatment. *Trends in Molecular Medicine*, **2019**, 25, 136-148	11.5	66
29	An Integrated Understanding of the Molecular Mechanisms of How Adipose Tissue Metabolism Affects Long-term Body Weight Maintenance. *Diabetes*, **2019**, 68, 57-65	0.9	14
28	Incidence of Daytime Sleepiness and Associated Factors in Two First Nations Communities in Saskatchewan, Canada. *Clocks & Sleep*, **2019**, 1, 13-25	2.9	1
27	Mean High-Dose l-Thyroxine Treatment Is Efficient and Safe to Achieve a Normal IQ in Young Adult Patients With Congenital Hypothyroidism. *Journal of Clinical Endocrinology and Metabolism*, **2018**, 103, 1459-1469	5.6	29
26	Primary sulphonylurea therapy in a newborn with transient neonatal diabetes attributable to a paternal uniparental disomy 6q24 (UPD6). *Diabetes, Obesity and Metabolism*, **2018**, 20, 474-475	6.7	10
25	MC4R agonism promotes durable weight loss in patients with leptin receptor deficiency. *Nature Medicine*, **2018**, 24, 551-555	50.5	139
24	Trace element and cytokine concentrations in patients with Fibrodysplasia Ossificans Progressiva (FOP): A case control study. *Journal of Trace Elements in Medicine and Biology*, **2017**, 39, 186-192	4.1	8
23	Somatic mutations and progressive monosomy modify SAMD9-related phenotypes in humans. *Journal of Clinical Investigation*, **2017**, 127, 1700-1713	15.9	89
22	Investigation of Naturally Occurring Single-Nucleotide Variants in Human TAAR1. *Frontiers in Pharmacology*, **2017**, 8, 807	5.6	12
21	Interindividual Variation in DNA Methylation at a Putative POMC Metastable Epiallele Is Associated with Obesity. *Cell Metabolism*, **2016**, 24, 502-509	24.6	82
20	Detection of Novel Gene Variants Associated with Congenital Hypothyroidism in a Finnish Patient Cohort. *Thyroid*, **2016**, 26, 1215-24	6.2	51
19	Proopiomelanocortin Deficiency Treated with a Melanocortin-4 Receptor Agonist. *New England Journal of Medicine*, **2016**, 375, 240-6	59.2	253
18	Positive correlation of thyroid hormones and serum copper in children with congenital hypothyroidism. *Journal of Trace Elements in Medicine and Biology*, **2016**, 37, 90-95	4.1	7
17	Generation of integration free induced pluripotent stem cells from fibrodysplasia ossificans progressiva (FOP) patients from urine samples. *Stem Cell Research*, **2016**, 16, 54-8	1.6	17
16	Role of (68)Ga somatostatin receptor PET/CT in the detection of endogenous hyperinsulinaemic focus: an explorative study. *European Journal of Nuclear Medicine and Molecular Imaging*, **2016**, 43, 1593-600	8.8	31

15	Treatment of congenital thyroid dysfunction: Achievements and challenges. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2015**, 29, 399-413	6.5	11
14	Modulation of monocarboxylate transporter 8 oligomerization by specific pathogenic mutations. *Journal of Molecular Endocrinology*, **2015**, 54, 39-50	4.5	16
13	Identification of PENDRIN (SLC26A4) mutations in patients with congenital hypothyroidism and "apparent" thyroid dysgenesis. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, E169-76	5.6	34
12	Recessive mutations in PCBD1 cause a new type of early-onset diabetes. *Diabetes*, **2014**, 63, 3557-64	0.9	29
11	Occurrence of giant focal forms of congenital hyperinsulinism with incorrect visualization by (18) F DOPA-PET/CT scanning. *Clinical Endocrinology*, **2014**, 81, 847-54	3.4	12
10	Two novel GATA6 mutations cause childhood-onset diabetes mellitus, pancreas malformation and congenital heart disease. *Hormone Research in Paediatrics*, **2013**, 79, 250-6	3.3	18
9	The neuroendocrine circuitry controlled by POMC, MSH, and AGRP. *Handbook of Experimental Pharmacology*, **2012**, 47-75	3.2	43
8	Alu elements and human common diseases like obesity. *Mobile Genetic Elements*, **2012**, 2, 197-201		5
7	Glucose-dependent insulinotropic polypeptide reduces fat-specific expression and activity of 11β-hydroxysteroid dehydrogenase type 1 and inhibits release of free fatty acids. *Diabetes*, **2012**, 61, 292-300	0.9	44
6	New pathogenic thyrotropin receptor mutations decipher differentiated activity switching at a conserved helix 6 motif of family A GPCR. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, E228-32	5.6	22
5	Long-term lanreotide treatment in six patients with congenital hyperinsulinism. *Hormone Research in Paediatrics*, **2012**, 78, 106-12	3.3	33
4	An Alu element-associated hypermethylation variant of the POMC gene is associated with childhood obesity. *PLoS Genetics*, **2012**, 8, e1002543	6	130
3	Protein phosphatase 1 (PP-1)-dependent inhibition of insulin secretion by leptin in INS-1 pancreatic β-cells and human pancreatic islets. *Endocrinology*, **2011**, 152, 1800-8	4.8	17
2	Diabetes caused by insulin gene (INS) deletion: clinical characteristics of homozygous and heterozygous individuals. *European Journal of Endocrinology*, **2011**, 165, 255-60	6.5	26
1	Structures of active melanocortin-4 receptor–Gs-protein complexes with NDP-α-MSH and setmelanotide		4